

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/199,070DATE: 06/13/94  
TIME: 10:37:40

INPUT SET: S2358.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

- 1  
2  
3 (1) General Information:  
4  
5 (i) APPLICANT: MARASCO, WAYNE A  
6 CHEN, SI-YI  
7  
8 (ii) TITLE OF INVENTION: NUCLEIC ACID DELIVERY SYSTEM, METHOD OF  
9 SYNTHESIS AND USES THEREOF  
10  
11 (iii) NUMBER OF SEQUENCES: 9  
12  
13 (iv) CORRESPONDENCE ADDRESS:  
14 (A) ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &  
15 CUSHMAN  
16 (B) STREET: 130 WATER STREET  
17 (C) CITY: BOSTON  
18 (D) STATE: MASSACHUSETTS  
19 (E) COUNTRY: US  
20 (F) ZIP: 02109  
21  
22 (v) COMPUTER READABLE FORM:  
23 (A) MEDIUM TYPE: Floppy disk  
24 (B) COMPUTER: IBM PC compatible  
25 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
26 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25  
27  
28 (vi) CURRENT APPLICATION DATA:  
29 (A) APPLICATION NUMBER: US 08/199,070  
30 (B) FILING DATE: 02-FEB-1994  
31 (C) CLASSIFICATION:  
32  
33 (viii) ATTORNEY/AGENT INFORMATION:  
34 (A) NAME: CONLIN, DAVID G  
35 (B) REGISTRATION NUMBER: 27026  
36 (C) REFERENCE/DOCKET NUMBER: 43471  
37  
38 (ix) TELECOMMUNICATION INFORMATION:  
39 (A) TELEPHONE: (617) 523-3400  
40 (B) TELEFAX: (617) 523-6440  
41 (C) TELEX: 200291 STRE UR  
42  
43  
44 (2) INFORMATION FOR SEQ ID NO:1:  
45  
46 (i) SEQUENCE CHARACTERISTICS:

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47 (A) LENGTH: 8 amino acids  
48 (B) TYPE: amino acid  
49 (C) STRANDEDNESS: unknown  
50 (D) TOPOLOGY: unknown  
51  
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53  
54 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
55  
56 Lys Lys Lys Tyr Tyr Lys Leu Lys  
57 1 5  
58  
59 (2) INFORMATION FOR SEQ ID NO:2:  
60  
61 (i) SEQUENCE CHARACTERISTICS:  
62 (A) LENGTH: 36 base pairs  
63 (B) TYPE: nucleic acid  
64 (C) STRANDEDNESS: unknown  
65 (D) TOPOLOGY: unknown  
66  
67  
68  
69 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
70  
71 TTTGAATTCA AGCTTACCAT GGAACATCTG TGGTTC  
72  
73 (2) INFORMATION FOR SEQ ID NO:3:  
74  
75 (i) SEQUENCE CHARACTERISTICS:  
76 (A) LENGTH: 33 base pairs  
77 (B) TYPE: nucleic acid  
78 (C) STRANDEDNESS: unknown  
79 (D) TOPOLOGY: unknown  
80  
81  
82  
83 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
84  
85 GGTACCGAAT TCTCTAGAAC AAGATTTGGG CTC  
86  
87 (2) INFORMATION FOR SEQ ID NO:4:  
88  
89 (i) SEQUENCE CHARACTERISTICS:  
90 (A) LENGTH: 36 base pairs  
91 (B) TYPE: nucleic acid  
92 (C) STRANDEDNESS: unknown  
93 (D) TOPOLOGY: unknown  
94  
95  
96  
97 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
98  
99 GGTACCGAAT TCTCTAGAAAT GGCCAGGTAC AGATGC

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100  
101 (2) INFORMATION FOR SEQ ID NO:5:  
102  
103 (i) SEQUENCE CHARACTERISTICS:  
104 (A) LENGTH: 48 base pairs  
105 (B) TYPE: nucleic acid  
106 (C) STRANDEDNESS: unknown  
107 (D) TOPOLOGY: unknown  
108  
109  
110  
111 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
112  
113 TTTAGGATCC TTAACAACAC CTCATGGCTC TCCTCCGTGT CTGGCAGC  
114 48  
115 (2) INFORMATION FOR SEQ ID NO:6:  
116  
117 (i) SEQUENCE CHARACTERISTICS:  
118 (A) LENGTH: 78 base pairs  
119 (B) TYPE: nucleic acid  
120 (C) STRANDEDNESS: unknown  
121 (D) TOPOLOGY: unknown  
122  
123  
124  
125 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
126  
127 TTAATTGCGG CCGCTTAGTG TCTTCTACAT CTCGGTCTGT ACCTGGGGCT GACACCTCAT  
128 60  
129 GGCTCTCCTC CGTGTCTG  
130 78  
131 (2) INFORMATION FOR SEQ ID NO:7:  
132  
133 (i) SEQUENCE CHARACTERISTICS:  
134 (A) LENGTH: 33 base pairs  
135 (B) TYPE: nucleic acid  
136 (C) STRANDEDNESS: unknown  
137 (D) TOPOLOGY: unknown  
138  
139  
140  
141 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
142  
143 TTTAAGCTTA TGGGCGACGT CAGCTTCAGC ACC  
144 33  
145 (2) INFORMATION FOR SEQ ID NO:8:  
146  
147 (i) SEQUENCE CHARACTERISTICS:  
148 (A) LENGTH: 27 base pairs  
149 (B) TYPE: nucleic acid  
150 (C) STRANDEDNESS: unknown  
151 (D) TOPOLOGY: unknown  
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RAW SEQUENCE LISTING  
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(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

TTTTCTAGAT TACTTCAGGT CCTCCGG

27

(2) INFORMATION FOR SEQ ID NO:9:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 30 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: unknown
  - (D) TOPOLOGY: unknown

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

TTTAAGCTTA TGGCCGACGT GGTGAGCCTG

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PAGE: 1

**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/199,070**

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Original Text